

**RULE 63 (37 C.F.R. 1.63)**  
**INVENTORS DECLARATION FOR PATENT APPLICATION**  
**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

As a below named inventor, I hereby declare that my residence, mailing address and citizenship are as stated below next to my name, and I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

LIQUID CRYSTAL ALIGNMENT LAYER

the specification of which (check applicable box(es)):

☐ is attached hereto  
☐ was filed on \_\_\_\_\_ as U.S. Application Serial No. \_\_\_\_\_ (Atty. Dkt. No. P7223/USW)  
☒ was filed as PCT International application No. PCT/GB03/004483 on 17-Oct-2003  
and (if applicable to U.S. or PCT application) was amended on \_\_\_\_\_

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose to the Patent Office all information known to me to be material to patentability as defined in 37 C.F.R. 1.56. I hereby claim foreign priority benefits under 35 U.S.C. 119/365 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed or, if no priority is claimed, before the filing date of this application:

Priority Foreign Application(s): Application Number	Country	Day/Month/Year Filed
<u>0224179.2</u>	<u>GB</u>	<u>17-Oct-2002</u>
<u>0225921.6</u>	<u>GB</u>	<u>07-Nov-2002</u>

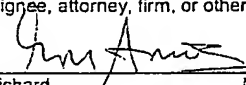
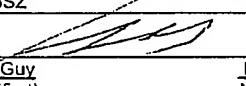
I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below.

Application Number	Date/Month/Year Filed

I hereby claim the benefit under 35 U.S.C. 120/365 of all prior United States and PCT international applications listed above or below:

Prior U.S./PCT Application(s): Application Serial No.	Day/Month/Year Filed	Status: patented pending, abandoned
<u>PCT/GB03/004483</u>	<u>17-Oct-2003</u>	<u>Pending</u>

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. And on behalf of the owner(s) hereof, I hereby appoint Nixon & Vanderhye P.C., telephone number 703-816-4000 (to whom all communications are to be directed) and the attorneys of: **Customer Number 23117**, individually and collectively owner's/owners' attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith and with the resulting patent. I also authorize Nixon & Vanderhye to add or delete attorneys from that Customer Number, and to act and rely solely on instructions directly communicated from the person, assignee, attorney, firm, or other organization sending instructions to Nixon & Vanderhye on behalf of the owner(s).

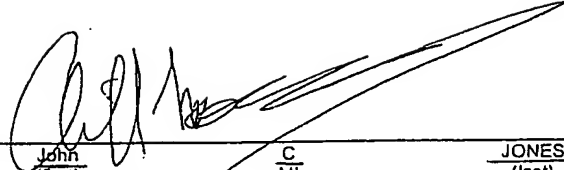
1. 	Date: <u>8th April 2005</u>
Inventor's Signature: _____	
Inventor: <u>Richard</u> <u>M</u> <u>AMOS</u>	<u>British</u>
(first) (last)	(citizenship)
Residence: (city) <u>Malvern GBx</u> (state/country) <u>United Kingdom</u>	
Mailing Address: <u>ZBD Displays Limited, Malvern Hills Science Park, Geraldine Road, Malvern, Worcestershire</u>	
(Zip Code) <u>WR14 3SZ</u>	
2. 	Date: <u>8th April 2005</u>
Inventor's Signature: _____	
Inventor: <u>Guy</u> <u>P</u> <u>BRYAN-BROWN</u>	<u>British</u>
(first) (last)	(citizenship)
Residence: (city) <u>Malvern GBx</u> (state/country) <u>United Kingdom</u>	
Mailing Address: <u>ZBD Displays Limited, Malvern Hills Science Park, Geraldine Road, Malvern, Worcestershire</u>	
(Zip Code) <u>WR14 3SZ</u>	

**[x] See attached sheet(s) for additional inventor(s) information!!**

Serial No.  
Page 2

Nixon & Vanderhye P.C. (10/99)  
(Domestic Non-Assigned/Foreign)

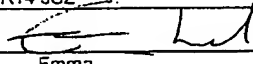
3. ☒ Inventor's Signature:  
Inventor:

  
John C JONES  
(first) (MI) (last)

Date: 7<sup>th</sup> April 2005  
British  
(citizenship)

Residence: (city) Malvern GBX (state/country) United Kingdom  
Mailing Address: ZBD Displays Limited, Malvern Hills Science Park, Geraldine Road, Malvern, Worcestershire  
(Zip Code) WR14 3SZ

4. ☒ Inventor's Signature:  
Inventor:

  
Emma L WOOD  
(first) (MI) (last)

Date: 11<sup>th</sup> April 2005  
British  
(citizenship)

Residence: (city) Malvern GBX (state/country) United Kingdom  
Mailing Address: ZBD Displays Limited, Malvern Hills Science Park, Geraldine Road, Malvern, Worcestershire  
(Zip Code) WR14 3SZ

5. Inventor's Signature:  
Inventor:

\_\_\_\_\_  
(first) MI (last) (citizenship)

Residence: (city) \_\_\_\_\_ (state/country) \_\_\_\_\_  
Mailing Address: \_\_\_\_\_  
(Zip Code) \_\_\_\_\_

6. Inventor's Signature:  
Inventor:

\_\_\_\_\_  
(first) MI (last) (citizenship)

Residence: (city) \_\_\_\_\_ (state/country) \_\_\_\_\_  
Mailing Address: \_\_\_\_\_  
(Zip Code) \_\_\_\_\_

FOR ADDITIONAL INVENTORS, check box [ ] and attach sheet with same information and signature and date for each.

**Box No. VIII (iv) DECLARATION: INVENTORSHIP** (only for the purposes of the designation of the United States of America)  
*The declaration must conform to the following standardized wording provided for in Section 214; see Notes to Boxes Nos. VIII, VIII (i) to (v) (in general) and the specific Notes to Box No. VIII (iv). If this Box is not used, this sheet should not be included in the request.*

**Declaration of inventorship (Rules 4.17(iv) and 51bis.1(a)(iv))  
 for the purposes of the designation of the United States of America:**

I hereby declare that I believe I am the original, first and sole (if only one inventor is listed below) or joint (if more than one inventor is listed below) inventor of the subject matter which is claimed and for which a patent is sought.

This declaration is directed to the international application of which it forms a part (if filing declaration with application).

This declaration is directed to international application No. PCT/..... (if furnishing declaration pursuant to Rule 26ter).

I hereby declare that my residence, mailing address, and citizenship are as stated next to my name.

I hereby state that I have reviewed and understand the contents of the above-identified international application, including the claims of said application. I have identified in the request of said application, in compliance with PCT Rule 4.10, any claim to foreign priority, and I have identified below, under the heading "Prior Applications," by application number, country or Member of the World Trade Organization, day, month and year of filing, any application for a patent or inventor's certificate filed in a country other than the United States of America, including any PCT international application designating at least one country other than the United States of America, having a filing date before that of the application on which foreign priority is claimed.

Prior Applications: GB 0224179.2 Filed 17th October 2002 & GB 0225921.6 Filed 7th November 2002 .....  
 Our ref: P7223 /MOD .....

I hereby acknowledge the duty to disclose information that is known by me to be material to patentability as defined by 37 C.F.R. § 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the PCT international filing date of the continuation-in-part application.

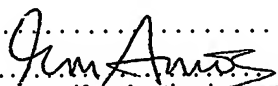
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name: Richard Michael AMOS .....

Residence: United Kingdom .....  
 (city and either US state, if applicable, or country)

Mailing Address: ZBD Display Ltd, Malvern Hills Science Park, Geraldine Road, Malvern .....  
 Worcestershire WR14 3SZ .....

Citizenship: British .....

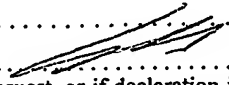
Inventor's Signature:  ..... Date: 20<sup>th</sup> October 2003 .....  
 (if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent) (of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)

Name: Guy Peter BRYAN-BROWN .....

Residence: United Kingdom .....  
 (city and either US state, if applicable, or country)

Mailing Address: ZBD Display Ltd, Malvern Hills Science Park, Geraldine Road, Malvern .....  
 Worcestershire WR14 3SZ .....

Citizenship: British .....

Inventor's Signature:  ..... Date: 20<sup>th</sup> October 2003 .....  
 (if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent) (of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)

☒ This declaration is continued on the following sheet, "Continuation of Box No. VIII (iv)".

**Continuation of Box No. VIII (i) to (v) DECLARATION**

*If the space is insufficient in any of Boxes Nos. VIII (i) to (v) to furnish all the information, including in the case where more than two inventors are to be named in Box No. VIII (iv), in such case, write "Continuation of Box No. VIII ..." (indicate the item number of the Box) and furnish the information in the same manner as required for the purposes of the Box in which the space was insufficient. If additional space is needed in respect of two or more declarations, a separate continuation box must be used for each such declaration. If this Box is not used, this sheet should not be included in the request.*

Continuation of Box V111(iv)

Prior Application/s

GB 0224179.2 Filed 17th October 2002 &amp; GB 0225921.6 Filed 7th November 2002

Our ref: IP/P7223/WOD

Name: John Clifford JONES

Mailing Address: ZBD Display Ltd, Malvern Hills Science Park, Geraldine Road, Malvern  
Worcestershire WR14 3SZ

Citizenship: British

Inventor's Signature .....

Date 20<sup>th</sup> October 2003

Name: Emma Louise WOOD

Mailing Address: ZBD Display Ltd, Malvern Hills Science Park, Geraldine Road, Malvern  
Worcestershire WR14 3SZ

Citizenship: British

Inventor's Signature .....

Date 20<sup>th</sup> October 2003